

STATE OF MISSISSIPPI AIR POLLUTION CONTROL TITLE V PERMIT

TO OPERATE AIR EMISSIONS EQUIPMENT

THIS CERTIFIES THAT

Armstrong Flooring Inc.
1735 North Washington Street
Vicksburg, MS
Warren, County

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Permit Issued: _____

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

**AUTHORIZED SIGNATURE
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Expires: [Date not to exceed 5 yrs from issuance]

Permit No.: 2780-00065

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APPENDIX A LIST OF ABBREVIATIONS USED IN THIS PERMIT

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SECTION 1. GENERAL CONDITIONS

- 1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(a).)
- 1.2 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(b).)
- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(c).)
- 1.4 (a) This permit shall be reopened and revised under any of the following circumstances:
 - (1) Additional applicable requirements under the Federal Act become applicable to a major Title V source with a remaining permit term of 3 or more years. Such a reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended.
 - (2) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - (3) The Permit Board or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emission standards or other terms or conditions of the permit.
 - (4) The Administrator or the Permit Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue this permit shall follow the same procedures as apply to initial permit issuance and shall only affect those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

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- (c) Reopenings shall not be initiated before a notice of such intent is provided to the Title V source by the DEQ at least 30 days in advance of the date that the permit is to be reopened, except that the Permit Board may provide a shorter time period in the case of an emergency.

(Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.G)

- 1.5 The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(e).)
- 1.6 This permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(6)(d).)
- 1.7 The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(5).)
- 1.8 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation 11 Miss. Admin. Code Pt. 2, Ch. 6.)
 - (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such as engineering calculations (e.g., estimating volatilization using published mathematical formulas) or best engineering judgments where such

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judgments are derived from process and/or emission data which supports the estimates of maximum actual emission. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).)

- (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.A(2).) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D(2).)
 - (c) The fee shall be due September 1 of each year. By July 1 of each year the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.D.)
 - (d) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.6.C.)
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- 1.9 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(8).)
 - 1.10 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.2.E.)
 - 1.11 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:

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- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(2).)
- 1.12 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(1).)
- 1.13 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the Permit Board for air pollution control equipment that was in existence prior to May 8, 1970. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.I(2).)
- 1.14 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(1).)
- 1.15 Nothing in this permit shall alter or affect the following:
- (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
 - (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.

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- (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.F(2).)
- 1.16 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.H.)
- 1.17 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.C(2)., R. 6.4.B., and R. 6.2.A(1)(c).)
- 1.18 The permittee is authorized to make changes within their facility without requiring a permit revision (ref: Section 502(b)(10) of the Act) if:
- (a) the changes are not modifications under any provision of Title I of the Act;
 - (b) the changes do not exceed the emissions allowable under this permit;
 - (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
 - (1) a brief description of the change(s),
 - (2) the date on which the change will occur,
 - (3) any change in emissions, and
 - (4) any permit term or condition that is no longer applicable as a result of the change;
 - (d) the permit shield shall not apply to any Section 502(b)(10) change. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.F(1).)
- 1.19 Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in

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accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in 11 Miss. Admin. Code Pt. 2, Ch. 3., "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: 11 Miss. Admin. Code Pt. 2, Ch. 3.)

- 1.20 Except as otherwise provided herein, a modification of the facility may require a Permit to Construct in accordance with the provisions of Regulations 11 Miss. Admin. Code Pt. 2, Ch. 2., "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and may require modification of this permit in accordance with Regulations 11 Miss. Admin. Code Pt. 2, Ch. 6., "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act". Modification is defined as "[a]ny physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:
- (a) routine maintenance, repair, and replacement;
 - (b) use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
 - (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
 - (d) use of an alternative fuel or raw material by a stationary source which:
 - (1) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or
 - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166;
 - (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or

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- (f) any change in ownership of the stationary source."
- 1.21 Any change in ownership or operational control must be approved by the Permit Board. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.4.D(4).)
- 1.22 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.B(1).)
- 1.23 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.
- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
 - (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
 - (c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.G.)
- 1.24 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies.
- (a) Except as otherwise specified herein, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or

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improper operation, or operator error.

- (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
 - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - (2) the permitted facility was at the time being properly operated;
 - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (d) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (e) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.G.)

1.25 Except as otherwise specified herein, the permittee shall be subject to the following provisions with respect to upsets, startups, shutdowns and maintenance.

- (a) Upsets (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.KK.)
 - (1) The occurrence of an upset constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards or other requirements of Applicable Rules and Regulations or any applicable permit if the permittee demonstrates through properly signed contemporaneous operating logs, or other

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relevant evidence that include information as follows:

- (i) an upset occurred and that the permittee can identify the cause(s) of the upset;
 - (ii) the source was at the time being properly operated;
 - (iii) during the upset the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit;
 - (iv) the permittee submitted notice of the upset to the DEQ within 5 working days of the time the upset began; and
 - (v) the notice of the upset shall contain a description of the upset, any steps taken to mitigate emissions, and corrective actions taken.
- (2) In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- (3) This provision is in addition to any upset provision contained in any applicable requirement.
- (b) Startups and Shutdowns (as defined by 11 Miss. Admin. Code Pt. 2, R. 1.2.HH. & R. 1.2.CC.)
- (1) Startups and shutdowns are part of normal source operation. Emissions limitations applicable to normal operation apply during startups and shutdowns except as follows:
 - (i) when sudden, unavoidable breakdowns occur during a startup or shutdown, the event may be classified as an upset subject to the requirements above;
 - (ii) when a startup or shutdown is infrequent, the duration of excess emissions is brief in each event, and the design of the source is such that the period of excess emissions cannot be avoided without causing damage to equipment or persons; or
 - (iii) when the emissions standards applicable during a startup or shutdown are defined by other requirements of Applicable Rules and Regulations or any

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applicable permit.

- (2) In any enforcement proceeding, the permittee seeking to establish the applicability of any exception during a startup or shutdown has the burden of proof.
- (3) In the event this startup and shutdown provision conflicts with another applicable requirement, the more stringent requirement shall apply.

(c) Maintenance.

- (1) Maintenance should be performed during planned shutdown or repair of process equipment such that excess emissions are avoided. Unavoidable maintenance that results in brief periods of excess emissions and that is necessary to prevent or minimize emergency conditions or equipment malfunctions constitutes an affirmative defense to an enforcement action brought for noncompliance with emission standards, or other regulatory requirements if the permittee can demonstrate the following:
 - (i) the permittee can identify the need for the maintenance;
 - (ii) the source was at the time being properly operated;
 - (iii) during the maintenance the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of Applicable Rules and Regulations or any applicable permit;
 - (iv) the permittee submitted notice of the maintenance to the DEQ within 5 working days of the time the maintenance began or such other times as allowed by DEQ; and
 - (v) the notice shall contain a description of the maintenance, any steps taken to mitigate emissions, and corrective actions taken.
- (2) In any enforcement proceeding, the permittee seeking to establish the applicability of this section has the burden of proof.
- (3) In the event this maintenance provision conflicts with another applicable requirement, the more stringent requirement shall apply. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.10.)

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- 1.26 The permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M, as adopted by reference in Regulation 11 Miss Admin. Code Pt. 2, R. 1.8. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities

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SECTION 2. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	28.7 MMBTU/hr wood fired boiler with dual multiclone collectors
AA-002	Veneer Production process including an eight (8) vault steam chest with trim band saw
AA-003	Steam Heated veneer dryer with three (3) stacks
AA-010	28.7 MMBTU/hr wood fired boiler with dual multiclone collectors
AA-020	Veneer dryer (recirculating)
AA-030	Panel production press (AA-030a) and Glue Mixer (AA-030b)
AA-040	Moulder and Rip Saw Baghouse
AA-050	Rip Line, Saw, Panel Press, and Glue Mixing Baghouse
AA-060	Finish Line and End Matcher Baghouse
AA-070	Coating Line

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SECTION 3. EMISSION LIMITATIONS & STANDARDS

A. Facility-Wide Emission Limitations & Standards

- 3.A.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) & (b).
- (a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.
 - (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.A.)
- 3.A.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Paragraph 3.A.1. This shall not apply to vision obscuration caused by uncombined water droplets. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.B.)

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B. Emission Point Specific Emission Limitations & Standards

Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
AA-001 AA-010	11 Miss. Admin. Code Pt. 2, R. 1.3.D(2). Construction Permit issued May 30, 1997 and modified May 21, 1999, by reissuance of the Title V Operating Permit June 17, 2005, and by reissuance of this Title V Operating Permit. Title V Permit issued on May 21, 1999 and modified March 30, 2001, reissued June 17, 2005, and by reissuance of this Title V Operating Permit.	3.B.1 3.B.2	PM	0.30 grains/dscf
	NSPS, Subpart Dc, 40 CFR 60.40c, Standards of Performance for Small Industrial - Commercial-Institutional Steam Generating Units.	3.B.3		Applicability
	11 Miss. Admin. Code Pt. 2, R. 1.4.A(3).	3.B.4	SO ₂	2.4 lb/MMBTU
	National Emission Standards for Hazardous Air Pollutants: Industrial, Commercial, and Institutional Boilers Area Sources	3.B.7	Applicability	40 CFR 63.11193
AA-002 AA-003 AA-020	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.5	PM	$E = 4.1 p^{0.67}$
AA-030	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.5	PM	$E = 4.1 p^{0.67}$
AA-040 AA-050 AA-060 AA-070	11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.B.5	PM	$E = 4.1 p^{0.67}$
Entire Facility	11 Miss. Admin. Code Pt. 2, R. 1.3.B.	3.A.2	Opacity	40%

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Emission Point(s)	Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
	Title V permit issued June 17, 2005 and modified on November 3, 2006.	3.B.6	HAP	Not to exceed 9.9 TPY of an individual HAP, or 24.9 TPY of combined HAP
	Reissuance of this Title V Operating Permit.	3.B.8	PM PM ₁₀	Not to exceed 249 TPY of particulate matter.

- 3.B.1 For Emission Points AA-001 and AA-010, fuel burning operations utilizing a mixture of combustibles such as, but not limited to, fossil fuels plus bark, oil plus bark, or spent wood, or water treatment by-product sludge, may be allowed emission rates up to 0.30 grains per standard dry cubic foot for each boiler. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(2).)
- 3.B.2 For Emission Points AA-001 and AA-010, the permittee shall use woodwaste as fuel. For purposes of this permit only, woodwaste fuel includes: waste generated from mechanical woodworking operations (debarking, sawing, planing, etc) including wood pieces that contain glue and are generated from panel production, ripping waste, sidematch and endmatch waste; and woodwaste containing coatings applied during the finishing process. (Ref.: Title V Operating Permit issued May 21, 1999, modified March 30, 2001, and by Reissuance of this Title V Operating Permit)
- 3.B.3 Emission Points AA-001 and AA-010 are subject to and shall comply with the specific requirements outlined in the New Source Performance Standards (NSPS), as described in 40 CFR 60.40c, Subpart Dc - Standards of Performance for Small Industrial - Commercial-Institutional Steam Generating Units, and in 40 CFR 60, Subpart A – General Provisions, including Notification and Recordkeeping as provided in 40 CFR 60.7. (Ref.: 40 CFR 60.40c)
- 3.B.4 For Emission Points AA-001 and AA-010, the maximum discharge of sulfur dioxide from any modified fuel burning unit whose generation capacity is less than 250 million BTU per hour and in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 2.4 pounds (measured as sulfur dioxide) per million BTU heat input. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(3).)
- 3.B.5 For the veneer process (comprised of Emission Points AA-002, AA-003, AA-020), the panel process (comprised of AA-030), and the finishing process (comprised of AA-040, AA-050, AA-060, and AA-070), except as otherwise specified, no person shall cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship

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$$E = 4.1 p^{0.67}$$

where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour.

Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).)

- 3.B.6 For the entire facility, the permittee shall not exceed hazardous air pollutants (HAP) emission limits of 9.9 tons per year of an individual HAP or 24.9 tons per year of combined HAP, as established through the modification of this Title V permit November 3, 2006. (Ref.: Title V permit issued June 17, 2005 and modified November 3, 2006.)
- 3.B.7 Emission Points AA-001 and AA-010 are subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63 Subpart JJJJJJ. Emission Points AA-001 and AA-010 are existing boilers in the “biomass” subcategory as listed in 40 CFR 63.11200(b) and defined in 63.11237.
- 3.B.8 For the entire facility, the permittee shall not exceed particulate matter emissions (PM and PM₁₀) of 249 tons per year from point sources, as established in the reissuance of this Title V Operating Permit.

C. Insignificant and Trivial Activity Emission Limitations & Standards

Applicable Requirement	Condition Number(s)	Pollutant/Parameter	Limit/Standard
11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).	3.C.1	PM	0.6 lbs/MMBTU
11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).	3.C.2	SO ₂	4.8 lbs/MMBTU
11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).	3.C.3	PM	$E = 4.1 p^{0.67}$

- 3.C.1 The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.D(1)(a).)

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3.C.2 The maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.4.A(1).)

3.C.3 Except as otherwise specified, no person shall cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship

$$E = 4.1 p^{0.67}$$

where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour.

Conveyor discharge of coarse solid matter may be allowed if no nuisance is created beyond the property boundary where the discharge occurs. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 1.3.F(1).)

D. Work Practice Standards

3.D.1 For Emission Points AA-001 and AA-010, the permittee must have a one-time energy assessment performed by a qualified energy assessor no later than March 21, 2014, as specified in §63.11196(a)(3). An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements as described in Table 2 of 40 CFR 63, Subpart JJJJJ, satisfies the energy assessment requirement. Energy assessor approval and qualification requirements are waived in instances where past or amended energy assessments are used to meet the energy assessment requirements. Operating under an energy management program compatible with ISO 50001 that includes the affected units also satisfies the energy assessment requirement. The energy assessment must include the following with extent of the evaluation for items (a) to (d) appropriate for the on-site technical hours listed in §63.11237, and a copy of the energy assessment must be kept on site:

- (a) A visual inspection of the boiler system,
- (b) An evaluation of operating characteristics of the affected boiler systems, specifications of energy use systems, operating and maintenance procedures, and unusual operating constraints,
- (c) An inventory of major energy use systems consuming energy from affected boiler(s) and which are under control of the permittee,
- (d) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage,

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- (e) A list of major energy conservation measures that are within the permittee's control,
- (f) A list of the energy potential of the energy conservation measures identified, and
- (g) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.

3.D.2 For Emission Points AA-001 and AA-010, the permittee must conduct an initial tune-up as specified in §63.11214 by March 21, 2014, as specified in §63.11196(a)(1), and conduct a tune-up of the boiler biennially as specified in §63.11223. The tune-up must be conducted while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up. The permittee must conduct a tune-up of the boiler biennially to demonstrate continuous compliance as specified in (a) through (g) below. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

- (a) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (burner inspection may be delayed until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).
- (b) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.
- (c) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (inspection may be delayed until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).
- (d) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject.
- (e) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.
- (f) Maintain on-site and submit, if requested by MDEQ, a report containing the information in (1) through (3) below:
 - (1) The concentrations of CO in the effluent stream in parts per million, by

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- volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.
- (2) A description of any corrective actions taken as a part of the tune-up of the boiler.
 - (3) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.
- (g) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

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SECTION 4. COMPLIANCE SCHEDULE

- 4.1 Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 4.2 Except as otherwise specified herein, the permittee shall submit to the Permit Board and to the Administrator of EPA Region IV a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:
- (a) the identification of each term or condition of the permit that is the basis of the certification;
 - (b) the compliance status;
 - (c) whether compliance was continuous or intermittent;
 - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
 - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.C(5)(a), (c), & (d).)

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SECTION 5. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

A. General Monitoring, Recordkeeping and Reporting Requirements

- 5.A.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.
- 5.A.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:
- (a) the date, place as defined in the permit, and time of sampling or measurements;
 - (b) the date(s) analyses were performed;
 - (c) the company or entity that performed the analyses;
 - (d) the analytical techniques or methods used;
 - (e) the results of such analyses; and
 - (f) the operating conditions existing at the time of sampling or measurement. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(1).)
- 5.A.3 Except where a longer duration is specified in an applicable requirement, the permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(b)(2).)
- 5.A.4 Except as otherwise specified herein, the permittee shall submit reports of any required monitoring by July 31 and January 31 for the preceding six-month period. All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with 11 Miss. Admin. Code Pt. 2, R. 6.2.E. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(1).)
- 5.A.5 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upsets, the probable cause of such

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deviations, and any corrective actions or preventive measures taken. Said report shall be made within five (5) days of the time the deviation began. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A(3)(c)(2).)

- 5.A.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA.
- 5.A.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

B. Specific Monitoring and Recordkeeping Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-001 AA-010	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued May 21, 1999 and modified March 30, 2001, and Reissuance of this Title V Operating Permit	5.B.2	Opacity	Weekly Visible Emissions Evaluations
AA-001 AA-010	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued May 21, 1999 and modified March 30, 2001	5.B.3	PM	Biennial Compliance Testing
	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued May 21, 1999 and modified March 30, 2001	5.B.5	Steam Production	Daily Recordkeeping
	40 CFR 60.48c(g)(2), Subpart Dc	5.B.6	Fuel Usage	Monthly Recordkeeping
AA-001 AA-010 AA-040 AA-050 AA-060	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued May 21, 1999 and modified March 30, 2001	5.B.4	Maintenance Inspections	Weekly Recordkeeping

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Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Monitoring/Recordkeeping Requirement
AA-040 AA-050 AA-060	11 Miss. Admin. Code Pt. 2, R. 6.3.A. 40 CFR 64.7 through 64.9 40 CFR 64.7 (c) 40 CFR 64.7 (d)(1)	5.B.7 5.B.8 5.B.9 5.B.10 5.B.11	CAM Plan	Required monitoring
Entire Facility	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued June 17, 2005 and November 3, 2006	5.B.12	HAP	Required monitoring
Entire Facility	11 Miss. Admin. Code Pt. 2, R. 6.3.A. Reissuance of this Title V Operating Permit	5.B.1	PM PM ₁₀	Required monitoring
AA-001 AA-010	40 CFR 63.11225(c)(1)	5.B.13	Applicability	Recordkeeping requirements

5.B.1 For the entire facility, the permittee shall keep monthly records of point source particulate matter (PM and PM₁₀) emissions on a 12 month rolling basis. The permittee shall assure compliance with the particulate matter limitations by including the calculations and methods used to quantify the particulate matter emissions from point sources in the facility. (Ref.: 11 Miss. Admin. Code Pt. 2, R. 6.3.A., and Reissuance of this Title V Operating Permit)

5.B.2 For emission points AA-001 and AA-010, the permittee shall assure compliance with the opacity limitations by weekly visible emission evaluations using EPA Reference Method 9. If conditions are such that opacity readings cannot be taken using observations of Method 9, the permittee shall note these conditions in the record and provide an explanation of why it was not possible to perform opacity readings/observations. The permittee shall submit a summary report of the required monitoring in accordance with Section 5.A.4 of this document. (Ref: Title V Operating Permit issued May 21, 1999 and modified March 30, 2001, and Reissuance of this Title V Operating Permit)

5.B.3 For emission points AA-001 and AA-010, the permittee shall monitor particulate matter (PM) emissions and opacity by stack testing in accordance with EPA Reference Methods 1-5, and 9, respectively, on or before February 1, 2011, and biennially thereafter.

For the purpose of compliance demonstration the permittee shall test while operating the

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sources within 90% of their maximum capacity. Should either emission point be shutdown or not operated at the time specified in this condition for the stack test then the emission point should comply with this condition by stack testing within 90 days of start-up of the emission point. The permittee shall supply DEQ with a written notification upon start-up of the emission point.

The permittee shall submit a written test protocol at least thirty (30) days prior to the intended test date(s) to ensure that all test methods and procedures are acceptable to the DEQ. Also, the DEQ shall be notified in writing at least ten (10) days prior to the scheduled test date(s) so that an observer may be afforded the opportunity to witness the test(s).

After the first successful submittal of an initial written test protocol in conjunction with the initial compliance test(s), the permittee may request that the resubmittal of the testing protocol be waived for subsequent testing by certifying in writing at least thirty (30) days prior to subsequent testing that all conditions for testing remain unchanged such that the original protocol can and will be followed. (Ref: Title V Operating Permit issued May 21, 1999 and modified March 30, 2001)

- 5.B.4 For Emission Points AA-001, AA-010, AA-040, AA-050, and AA-060, the permittee shall perform weekly inspections of the air pollution control equipment. Maintenance shall be performed as necessary to maintain proper operation of the pollution control equipment. Records of weekly inspections and any maintenance performed shall be kept in log form and made available for review upon request by Office of Pollution Control personnel.

The permittee shall maintain on hand at all times sufficient equipment as is necessary to repair and/or replace the pollution control equipment. (Ref: Title V Operating Permit issued May 21, 1999 and modified March 30, 2001)

- 5.B.5 For Emission Points AA-001 and AA-010, the permittee shall record and maintain records of the amount of steam produced during each day. The records shall be summarized and reported in accordance with 5.A.4. (Ref: Title V Operating Permit issued May 21, 1999 and modified March 30, 2001)

- 5.B.6 Emission Points AA-001 and AA-010 are subject to and shall comply with the specific requirements outlined in the New Source Performance Standards (NSPS), as described in 40 CFR 60.40c, Subpart Dc - Standards of Performance for Small Industrial - Commercial-Institutional Steam Generating Units, and in 40 CFR 60, Subpart A – General Provisions, including Notification and Recordkeeping as provided in 40 CFR 60.7. (Ref.: 40 CFR 60.40c)

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For Emission Points AA-001 and AA-010, the wood-fired boilers, the permittee shall record and maintain records of the amounts of each fuel combusted during each month as stated in 40 CFR 60.48c(g)(2). (Ref.: 40 CFR 60.48c(g)(2), Subpart Dc)

5.B.7 For Emission Points AA-040, AA-050, and AA-060, the permittee shall comply with the compliance assurance monitoring (CAM) requirements as described in Condition 5.B.8 and as specified in 40 CFR 64, Subparts 64.7 through 64.9. (Ref: 40 CFR 64.7 through 64.9)

5.B.8 The table below summarizes the CAM plan for Emission Points AA-040, AA-050, and AA-060:

	Indicator No. 1	Indicator No. 2	Indicator No. 3
Indicator	Visible Emissions	Pressure Drop	Inspection/Maintenance
Measurement Approach	Visible emissions from the baghouse will be monitored daily. If visible emissions are detected, a Method 9 observation will be performed.	Pressure drop through the baghouse is measured continuously using a magnahelic gauge.	Weekly inspection according to I/M checklist, maintenance performed as needed.
Monitoring Methods and Location	Observations are performed at the baghouse exhaust while the baghouse is in operation.	Pressure drop across the baghouse is measured at the baghouse inlet and exhaust.	Inspections are performed at the baghouse.
Indicator Range	Any visible emissions from the baghouse exhaust.	Pressure drop between 0.5-5 in. H ₂ O.	NA
Data Collection Frequency	Daily, while the baghouse is in operation	Pressure drop is measured continuously	Weekly inspections
Averaging Period	6 minute average	NA	NA
Recordkeeping	Records of daily visible emission observations to be kept in a log form, as well as results from any Method 9 observations performed.	Daily records of pressure drop readings. All excursions will be documented and reported.	Records are maintained to document the daily inspection and any required maintenance.
QA/QC	Method 9 observations will be performed by a certified visible observer, certified by MDEQ or equivalent agency qualified for such services.	Pressure gauge is monitored for calibration daily.	Qualified personnel perform inspection.

5.B.9 The permittee shall conduct all the required monitoring at all times that Emission Points

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AA-040, AA-050, and AA-060, are in operation, with the exception of periods when the monitoring equipment is under repair, maintenance, or required QA/QC. (40 CFR 64.7 (c))

- 5.B.10 The permittee shall maintain the necessary parts for routine repairs of the monitoring equipment (40 CFR 64.7 (b))
- 5.B.11 The permittee shall, upon detecting an excursion or exceedance, restore operation of Emission Points AA-040, AA-050, and AA-060, to its normal manner of operation as soon as possible. The response shall include minimizing periods of startup, shutdown, or malfunction and taking any necessary corrective actions to restore normal operation and prevent the recurrence of the exceedance or excursion. (Ref: 40 CFR 64.7 (d)(1))
- 5.B.12 For the entire facility, the permittee shall keep records of all HAP emissions, both on an individual and combined basis from all HAP emitting equipment located onsite, on a 12 month rolling basis. (Ref: Title V permit issued June 17, 2005 and November 3, 2006)
- 5.B.13 For Emission Points AA-001 and AA-010, the permittee shall keep a copy of each notification and report submitted to comply with 40 CFR Part 63, Subpart JJJJJJ, and all documentation supporting any Initial Notification or Notification of Compliance Status submitted (Ref.: 40 CFR 63.11225(c)(1))

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C. Specific Reporting Requirements

Emission Point(s)	Applicable Requirement	Condition Number	Pollutant/Parameter Monitored	Reporting Requirement
Entire Facility	11 Miss. Admin. Code Pt. 2, R. 6.3.A. Reissuance of this Title V Operating Permit	5.C.1	PM PM ₁₀	Particulate matter monitoring reports
AA-001 AA-010 AA-040 AA-050 AA-060	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued May 21, 1999, and modified March 31, 2001	5.C.2	Opacity	Opacity monitoring reports
AA-001 AA-010	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP issued May 21, 1999, and modified March 31, 2001, and reissuance of this Title V Operating Permit	5.C.3	Steam Generation	Daily steam production records
		5.C.6	PM	Stack test report
	40 CFR 63.11225(b)	5.C.7	Applicability	Reporting requirements
AA-040 AA-050 AA-060	40 CFR 64.9	5.C.4	CAM	Monitoring Report
Entire Facility	11 Miss. Admin. Code Pt. 2, R. 6.3.A. TVOP modified on November 3, 2006, and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10).	5.C.5	HAP	Individual and Combined HAP Emissions

5.C.1 For the entire facility, the permittee shall prepare a summary report of the required monitoring, which quantifies the PM and PM₁₀ emissions from point sources, on a 12 month rolling basis and submit in accordance with Section 5.A.4 of this document. The summary report shall include the calculations and methods used to quantify the particulate matter emissions from point sources in the facility. (Ref.: 11 Miss. Admin.

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Code Pt. 2, R. 6.3.A., and Reissuance of this Title V Operating Permit)

- 5.C.2 For Emission Points AA-001, AA-010, AA-040, AA-050, and AA-060, the permittee shall submit a summary report of the required opacity monitoring in accordance with Section 5.A.4 of this document. (Ref.: Title V Operating Permit issued May 21, 1999, and modified March 31, 2001)
- 5.C.3 For Emission Points AA-001 and AA-010, the permittee shall submit records summarizing the amount of steam produced during each month of the reporting period as outlined in Section 5.A.4 of this permit. (Ref.: Title V Operating Permit issued May 21, 1999, and modified March 31, 2001)
- 5.C.4 For Emission Points AA-040, AA-050, and AA-060, the permittee shall submit monitoring reports to demonstrate compliance with the facility's CAM plan semiannually, in accordance with Section 5.A.4 of this permit. These reports shall include, at a minimum,
- (a) Summary information on the number, duration, and cause of excursions or exceedances and the corrective actions taken;
 - (b) Summary information on the number, duration, and cause for monitors down time incidents associated with calibration checks;
 - (c) Description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period, if a QIP has been requested by MDEQ, as specified in 40 CFR 64.8. A QIP may be required by MDEQ based on the actions taken by the permittee in the event of an excursion or exceedance.

(Ref.: 40 CFR 64.9)

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- 5.C.5 For the entire facility, the permittee shall prepare a summary report of the required monitoring, which quantifies the total individual and combined HAP emissions for all HAP emitting equipment, on a 12 month rolling basis and submit in accordance with Section 5.4 of this permit. (Ref.: Title V Operating Permit issued June 17, 2005, and modified November 3, 2006)
- 5.C.6 For Emission Points AA-001 and AA-010, the permittee shall submit a stack test report by March 1, 2011, and biennially thereafter. This test report shall include data from the particulate matter test as stated in condition 5.B.3. (Ref.: Title V Operating Permit as modified on November 3, 2006, and 11 Miss. Admin. Code Pt. 2, R. 2.2.B(10), and by Reissuance of this Title V Operating Permit)
- 5.C.7 For Emission Points AA-001 and AA-010, the permittee must prepare a biennial compliance report by March 1, and submit to MDEQ upon request, for the previous calendar years containing the information below:
- (a) Company name and address;
 - (b) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of 40 CFR 63, Subpart JJJJJJ. The notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:
 - (1) "This facility complies with the requirements in 40 CFR 63.11223 to conduct a biennial tune-up, as applicable, for each boiler."
 - (2) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(Ref.: 40 CFR 63.11225(b))

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SECTION 6. ALTERNATIVE OPERATING SCENARIOS

6.1 None permitted.

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SECTION 7. TITLE VI REQUIREMENTS

The following are applicable or potentially applicable requirements originating from Title VI of the Clean Air Act – Stratospheric Ozone Protection. The full text of the referenced regulations may be found on-line at <http://ecfr.gpoaccess.gov> under Title 40, or DEQ shall provide a copy upon request from the permittee.

- 7.1 If the permittee produces, transforms, destroys, imports or exports a controlled substance or imports or exports a controlled product, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart A – Production and Consumption Controls.
- 7.2 If the permittee performs service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart B – Servicing of Motor Vehicle Air Conditioners.
- 7.3 The permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart E – The Labeling of Products Using Ozone-Depleting Substances, for the following containers and products:
 - (a) All containers in which a class I or class II substance is stored or transported;
 - (b) All products containing a class I substance; and
 - (c) All products directly manufactured with a process that uses a class I substance, unless otherwise exempted by this subpart or, unless EPA determines for a particular product that there are no substitute products or manufacturing processes for such product that do not rely on the use of a class I substance, that reduce overall risk to human health and the environment, and that are currently or potentially available. If the EPA makes such a determination for a particular product, then the requirements of this subpart are effective for such product no later than January 1, 2015.
- 7.4 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart F – Recycling and Emissions Reduction:
 - (a) Servicing, maintaining, or repairing appliances;
 - (b) Disposing of appliances, including small appliances and motor vehicle air conditioners;
or
 - (c) Refrigerant reclaimers, technician certifying programs, appliance owners and

operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, persons selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.

- 7.5 The permittee shall be allowed to switch from any ozone-depleting substance to any acceptable alternative that is listed in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G – Significant New Alternatives Policy Program. The permittee shall also comply with any use conditions for the acceptable alternative substance.
- 7.6 If the permittee performs any of the following activities, the permittee shall comply with the applicable requirements of 40 CFR Part 82, Subpart H – Halon Emissions Reduction:
- (a) Any person testing, servicing, maintaining, repairing, or disposing of equipment that contains halons or using such equipment during technician training;
 - (b) Any person disposing of halons;
 - (c) Manufacturers of halon blends; or
 - (d) Organizations that employ technicians who service halon-containing equipment.

APPENDIX A

List of Abbreviations Used In this Permit

11 Miss. Admin. Code Pt. 2, Ch. 1.	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
11 Miss. Admin. Code Pt. 2, Ch. 2.	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
11 Miss. Admin. Code Pt. 2, Ch. 3.	Regulations for the Prevention of Air Pollution Emergency Episodes
11 Miss. Admin. Code Pt. 2, Ch. 4.	Ambient Air Quality Standards
11 Miss. Admin. Code Pt. 2, Ch. 5.	Regulations for the Prevention of Significant Deterioration of Air Quality
11 Miss. Admin. Code Pt. 2, Ch. 6.	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
11 Miss. Admin. Code Pt. 2, Ch. 7.	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HP	Horsepower
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards For Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards For Hazardous Air Pollutants for Source Categories, 40 CFR 63
NMVOC	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound